

# STN Search Strategy

10/500,925

02/14/2006

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

ENTRY

TOTAL

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 18:04:23 ON 14 FEB 2006

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 13 FEB 2006 HIGHEST RN 874180-50-4

DICTIONARY FILE UPDATES: 13 FEB 2006 HIGHEST RN 874180-50-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

Instant App = 9

Please note that search-term pricing does apply when conducting SmartSELECT searches.

\*\*\*\*\*  
\*  
\* The CA roles and document type information have been removed from \*  
\* the IDE default display format and the ED field has been added, \*  
\* effective March 20, 2005. A new display format, IDERL, is now \*  
\* available and contains the CA role and document type information. \*  
\*  
\*\*\*\*\*

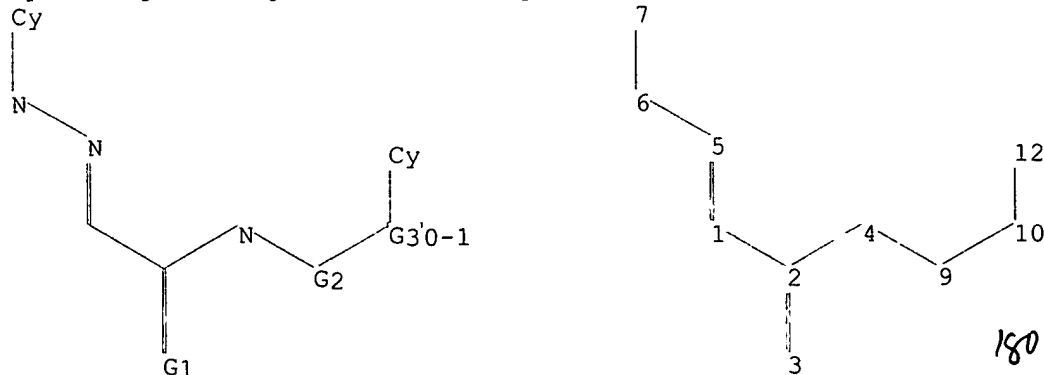
Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10500925\5.str



chain nodes :

Searched by Jason M. Nolan

22  
25  
29  
33?  
43  
48  
54  
71  
72  
76  
86  
90  
91  
93  
95  
97  
102  
105  
108  
110  
121  
125  
130  
136  
138  
143  
144  
145  
147  
156  
157  
173  
176  
179

1 2 3 4 5 6 7 9 10 12

chain bonds :

1-2 1-5 2-3 2-4 4-9 5-6 6-7 9-10 10-12

exact/norm bonds :

1-5 2-3 2-4 4-9 5-6 6-7 9-10 10-12

exact bonds :

1-2

G1:O,S

G2:O,N,Ak

G3:O,Ak

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:Atom 9:CLASS 10:CLASS

12:Atom

L1 STRUCTURE UPLOADED

=> s

ENTER LOGIC EXPRESSION, QUERY NAME, OR (END):end

SEARCH ENDED BY USER

=> s ll full

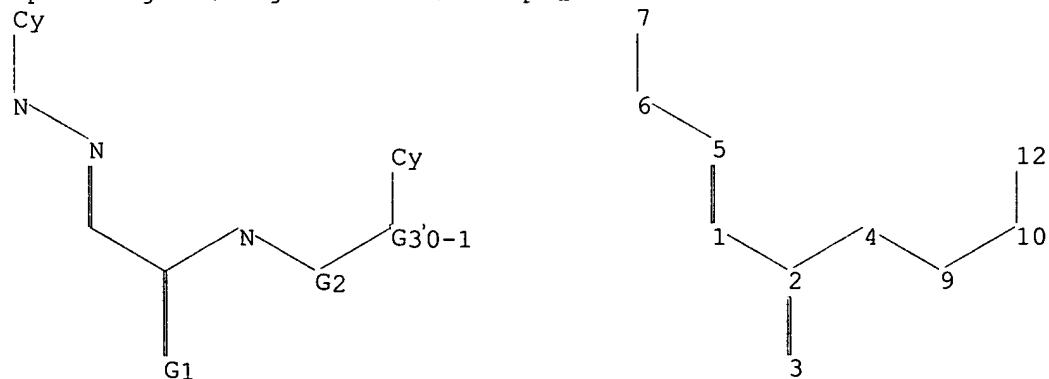
GENERIC GROUP NOT VALID HERE

Generic groups may not be used in these circumstances:

1. Any generic group node (e.g., Hy) in a ring.
2. An Ak node attached to another Ak node.

=>

Uploading C:\Program Files\Stnexp\Queries\10500925\6.str



chain nodes :

1 2 3 4 5 6 7 9 10 12

chain bonds :

1-2 1-5 2-3 2-4 4-9 5-6 6-7 9-10 10-12

exact/norm bonds :

1-5 2-3 2-4 4-9 5-6 6-7 9-10 10-12

exact bonds :

1-2

G1:O,S

G2:O,N,C

G3:O,Ak

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:Atom 9:CLASS 10:CLASS  
12:Atom

L2 STRUCTURE UPLOADED

=&gt; s 12 full

FULL SEARCH INITIATED 18:06:01 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 38112 TO ITERATE

100.0% PROCESSED 38112 ITERATIONS

SEARCH TIME: 00.00.01

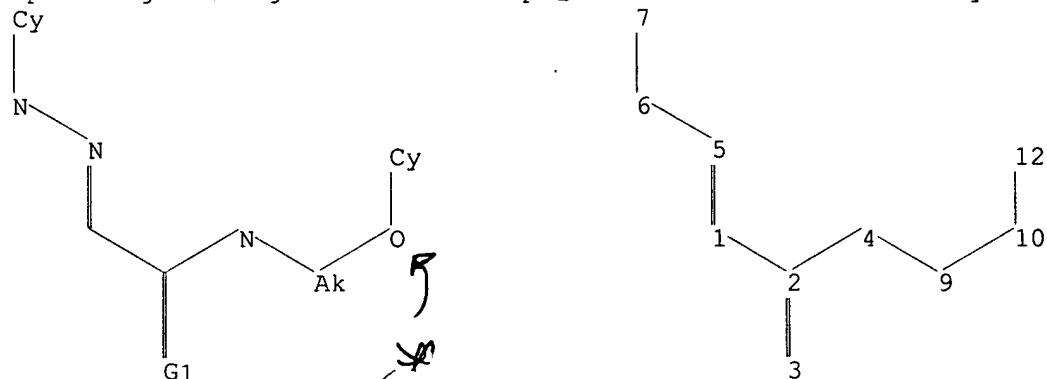
776 ANSWERS

L3 776 SEA SSS FUL L2

=&gt;

Uploading C:\Program Files\Stnexp\Queries\10500925\7 W = alkyleneoxy.str

Cy



chain nodes :

1 2 3 4 5 6 7 9 10 12

chain bonds :

1-2 1-5 2-3 2-4 4-9 5-6 6-7 9-10 10-12

exact/norm bonds :

1-5 2-3 2-4 4-9 5-6 6-7 9-10 10-12

exact bonds :

1-2

G1:O,S

G2:O,N,C

G3:O,Ak

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:Atom 9:CLASS 10:CLASS  
12:Atom

L4 STRUCTURE UPLOADED

=> s l4 full

FULL SEARCH INITIATED 18:07:06 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 41477 TO ITERATE

100.0% PROCESSED 41477 ITERATIONS  
SEARCH TIME: 00.00.01

4 ANSWERS

L5 4 SEA SSS FUL L4

=> fil caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

335.20

335.41

FILE 'CAPLUS' ENTERED AT 18:07:13 ON 14 FEB 2006

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FILE COVERS 1907 - 14 Feb 2006 VOL 144 ISS 8

FILE LAST UPDATED: 13 Feb 2006 (20060213/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s l3

L6 191 L3

=> s l5

L7 1 L5

=> s l6 or l7

L8 191 L6 OR L7

=> d ibib hitstr 1-191